

**Title: A Study of Rate Unnecessary Blood And Blood Products
Transfusion To Patients Bedridden In Ardebil's Dr Fatemi Hospital, During
First Six Month Of 1382 (2003).**

Abstract:

Introduction: Most of the Persons Who need blood and blood products transfusion, are the critic cases under blood therapy for their bleeding, blood disease, clotting disorders, Platlet Problems and so on.

Considering the Problems and high Price of safe blood Providing and because the transfusional Complications so it is necessary blood Products should be Prescribed Scientifically and only in the time of necessity.

This Study examined the Cases Who had been, transfused in a surgery and burning hospital and determined the unnecessary Cases to Transfusion in a Period of Six months.

Methods: This Study is retrospective and Covers all of the Cases under blood and blood Products Transfusion in Ardebil's Dr Fatemi Hospital during First half of 1382 (2003).

Cases unalized according to their Clinical Situations, Laboratory Criteria and existing examples in records, and divided to necessary and unnecessary groups for transfusion on the bases of Scientific refrenc books and Present Standards. The data were analyzed by SPSS Software.

Results: Amoung 150 Cases who had a Specific records and transfused, 46 Cases (25/7%) recived whole blood, 92 Cases (51/4%) Packed Cell, 36 Cases (20/1%) FFP and 5 Cases (2/3%) Platlet.

The location of transfusion was ICU with 60 Cases (40%), Surgery ward with 31 Cases (20/7%) operation room with 28 cases (18.7%) orthepeidic ward with 11 Cases (7/3%), burning ward with 10 Cases (6/7%) and emergency word with 9 Cases (6%). The maximum aged group was aging between 20 to 40 (32/7%) and Sexully 67/3 Percent was male Sex. Unnecessary transfusion according to scintific standards was as this: whole blood 26/08%, Packed Cell 30/44%, FFP 47/22% and Platlet 80%.

Discussion: with Considering the high price of safe blood and products providing and because patients are exposed with more problems such as: transition of viral disease, metabolic disorders, allergic problems, different mistakes during blood group determining and Cross- matching and following Complications and also hemolytic reactions which can be fatal, so it is necessary blood and its products should be prescribed Carfully and on the base of Scientific standards.

High Percentage of unnecessity to transfusion of blood and products, at the present time according to standards, we must pay more attention in this field.

Key words: Blood Transfusion- blood Products- Complication- Bedridden Patients, Ardebil